

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/529,792
Source: Pg 110
Date Processed by STIC: 4/6/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10/529,792

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (Sec "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,792

DATE: 04/06/2005

TIME: 15:43:18

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529792.raw

3 <110> APPLICANT: G2M Cancer Drugs AG

5 <120> TITLE OF INVENTION: Antibody tools for the diagnostic use in the medical therapy with

6 inhibitors of histone deacetylases

8 <130> FILE REFERENCE: G2M-ab

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/529,792

C--> 10 <141> CURRENT FILING DATE: 2005-03-30

10 <150> PRIOR APPLICATION NUMBER: EP 02021984

11 <151> PRIOR FILING DATE: 2002-09-30

13 <160> NUMBER OF SEQ ID NOS: 11

15 <170> SOFTWARE: PatentIn version 3.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 17

19 <212> TYPE: PRT

20 <213> ORGANISM: Artificial Sequence

22 <220> FEATURE:

23 <223> OTHER INFORMATION: peptide

25 <220> FEATURE:

26 <221> NAME/KEY: MOD_RES

27 <222> LOCATION: (5)..(5)

28 <223> OTHER INFORMATION: ACETYLATION

31 <220> FEATURE:

32 <221> NAME/KEY: MOD_RES

33 <222> LOCATION: (8)..(8)

34 <223> OTHER INFORMATION: ACETYLATION

37 <220> FEATURE:

38 <221> NAME/KEY: MOD_RES

39 <222> LOCATION: (12)..(12)

40 <223> OTHER INFORMATION: ACETYLATION

43 <220> FEATURE:

44 <221> NAME/KEY: MOD_RES

45 <222> LOCATION: (16)..(16)

46 <223> OTHER INFORMATION: ACETYLATION

49 <400> SEQUENCE: 1

51 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys

52 1 5 10 15

55 Arg

59 <210> SEQ ID NO: 2

60 <211> LENGTH: 17

61 <212> TYPE: PRT

62 <213> ORGANISM: Artificial Sequence

64 <220> FEATURE:

65 <223> OTHER INFORMATION: peptide

67 <400> SEQUENCE: 2

ppr 1-4

Does Not Comply
Corrected Diskette Needed

insufficient explanation - give source of
genetic material
(see item 11 on
Error Summary
sheet)

RAW SEQUENCE LISTING

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Input Set : A:\PTO.SR.txt

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69 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
70 1 5 10 15

73 Arg

77 <210> SEQ ID NO: 3

78 <211> LENGTH: 17

79 <212> TYPE: PRT

80 <213> ORGANISM: Artificial Sequence

82 <220> FEATURE:

83 <223> OTHER INFORMATION: peptide

85 <220> FEATURE:

86 <221> NAME/KEY: MOD_RES

87 <222> LOCATION: (5)..(5)

88 <223> OTHER INFORMATION: ACETYLATION

91 <400> SEQUENCE: 3

93 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
94 1 5 10 15

97 Arg

101 <210> SEQ ID NO: 4

102 <211> LENGTH: 17

103 <212> TYPE: PRT

104 <213> ORGANISM: Artificial Sequence

106 <220> FEATURE:

107 <223> OTHER INFORMATION: peptide

109 <220> FEATURE:

110 <221> NAME/KEY: MOD_RES

111 <222> LOCATION: (8)..(8)

112 <223> OTHER INFORMATION: ACETYLATION

115 <400> SEQUENCE: 4

117 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
118 1 5 10 15

121 Arg

125 <210> SEQ ID NO: 5

126 <211> LENGTH: 17

127 <212> TYPE: PRT

128 <213> ORGANISM: Artificial Sequence

130 <220> FEATURE:

131 <223> OTHER INFORMATION: peptide

133 <220> FEATURE:

134 <221> NAME/KEY: MOD_RES

135 <222> LOCATION: (12)..(12)

136 <223> OTHER INFORMATION: ACETYLATION

139 <400> SEQUENCE: 5

141 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
142 1 5 10 15

145 Arg

149 <210> SEQ ID NO: 6

150 <211> LENGTH: 17

151 <212> TYPE: PRT

152 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,792

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Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529792.raw

154 <220> FEATURE:
155 <223> OTHER INFORMATION: peptide
157 <220> FEATURE:
158 <221> NAME/KEY: MOD_RES
159 <222> LOCATION: (16)..(16)
160 <223> OTHER INFORMATION: ACETYLATION
163 <400> SEQUENCE: 6
165 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
166 1 5 10 15
169 Arg
173 <210> SEQ ID NO: 7
174 <211> LENGTH: 17
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: peptide
181 <220> FEATURE:
182 <221> NAME/KEY: MOD_RES
183 <222> LOCATION: (5)..(5)
184 <223> OTHER INFORMATION: ACETYLATION
187 <220> FEATURE:
188 <221> NAME/KEY: MOD_RES
189 <222> LOCATION: (12)..(12)
190 <223> OTHER INFORMATION: ACETYLATION
193 <400> SEQUENCE: 7
195 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
196 1 5 10 15
199 Arg
203 <210> SEQ ID NO: 8
204 <211> LENGTH: 17
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: peptide
211 <220> FEATURE:
212 <221> NAME/KEY: MOD_RES
213 <222> LOCATION: (8)..(8)
214 <223> OTHER INFORMATION: ACETYLATION
217 <220> FEATURE:
218 <221> NAME/KEY: MOD_RES
219 <222> LOCATION: (16)..(16)
220 <223> OTHER INFORMATION: ACETYLATION
223 <400> SEQUENCE: 8
225 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
226 1 5 10 15
229 Arg
233 <210> SEQ ID NO: 9
234 <211> LENGTH: 17
235 <212> TYPE: PRT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,792

DATE: 04/06/2005

TIME: 15:43:18

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529792.raw

236 <213> ORGANISM: Artificial Sequence
 238 <220> FEATURE:
 239 <223> OTHER INFORMATION: peptide
 241 <220> FEATURE:
 242 <221> NAME/KEY: MOD_RES
 243 <222> LOCATION: (8)..(8)
 244 <223> OTHER INFORMATION: ACETYLATION
 247 <220> FEATURE:
 248 <221> NAME/KEY: MOD_RES
 249 <222> LOCATION: (12)..(12)
 250 <223> OTHER INFORMATION: ACETYLATION
 253 <220> FEATURE:
 254 <221> NAME/KEY: MOD_RES
 255 <222> LOCATION: (16)..(16)
 256 <223> OTHER INFORMATION: ACETYLATION
 259 <400> SEQUENCE: 9
 261 Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
 262 1 5 10 15
 265 Arg
 269 <210> SEQ ID NO: 10
 270 <211> LENGTH: 12
 271 <212> TYPE: PRT
 272 <213> ORGANISM: Artificial Sequence
 274 <220> FEATURE:
 275 <223> OTHER INFORMATION: peptide
 277 <220> FEATURE:
 278 <221> NAME/KEY: MOD_RES
 279 <222> LOCATION: (5)..(5)
 280 <223> OTHER INFORMATION: ACETYLATION
 283 <220> FEATURE:
 284 <221> NAME/KEY: MOD_RES
 285 <222> LOCATION: (8)..(8)
 286 <223> OTHER INFORMATION: ACETYLATION
 289 <220> FEATURE:
 290 <221> NAME/KEY: MOD_RES
 291 <222> LOCATION: (12)..(12)
 292 <223> OTHER INFORMATION: ACETYLATION
 295 <400> SEQUENCE: 10
 297 Ala Val Cys Asp Lys Cys Leu Lys Phe Tyr Ser Lys
 298 1 5 10
 301 <210> SEQ ID NO: 11
 302 <211> LENGTH: 12
 303 <212> TYPE: PRT
 304 <213> ORGANISM: Artificial Sequence
 306 <220> FEATURE:
 307 <223> OTHER INFORMATION: peptide
 309 <220> FEATURE:
 310 <221> NAME/KEY: MOD_RES
 311 <222> LOCATION: (8)..(8)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/529,792

DATE: 04/06/2005

TIME: 15:43:18

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529792.raw

312 <223> OTHER INFORMATION: ACETYLTATION

315 <400> SEQUENCE: 11

317 Val Trp Asp Gln Glu Phe Leu Lys Val Asp Gln Gly

318 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/529,792

DATE: 04/06/2005

TIME: 15:43:19

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529792.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date